## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket No.: 42390P8655C Blakely, Sokoloff, Taylor & Zafman 303-740-1980

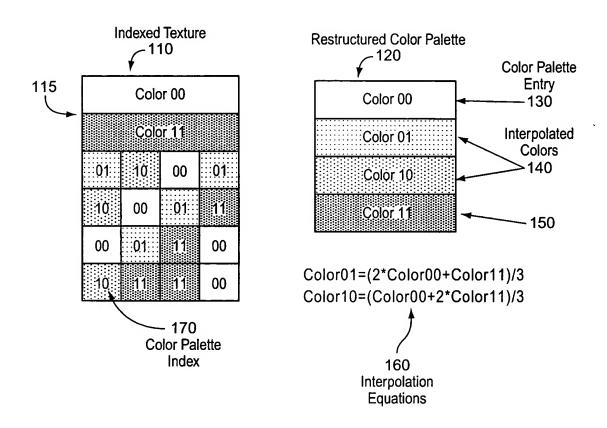


FIG. 1 PRIOR ART

Title: "Color Distribution For Texture And Image Compression"
Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket N
Blakely, Sokoloff, Taylor & Zafman 303-740-1980 Docket No.: 42390P8655C

FXT1 Scheme	Colors Stored	Palette Size	Bits / Texel
CC_HI	2	8	3
CC_CHROMA	4	4	2
CC_MIXED	4	2x4	2
CC_ALPHA	3 .	2x4	2

FIG. 2 **PRIOR ART** 

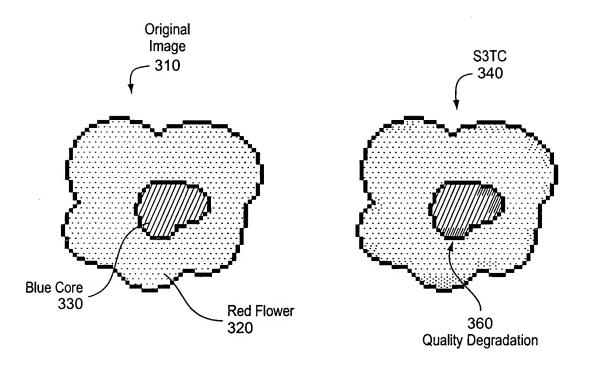
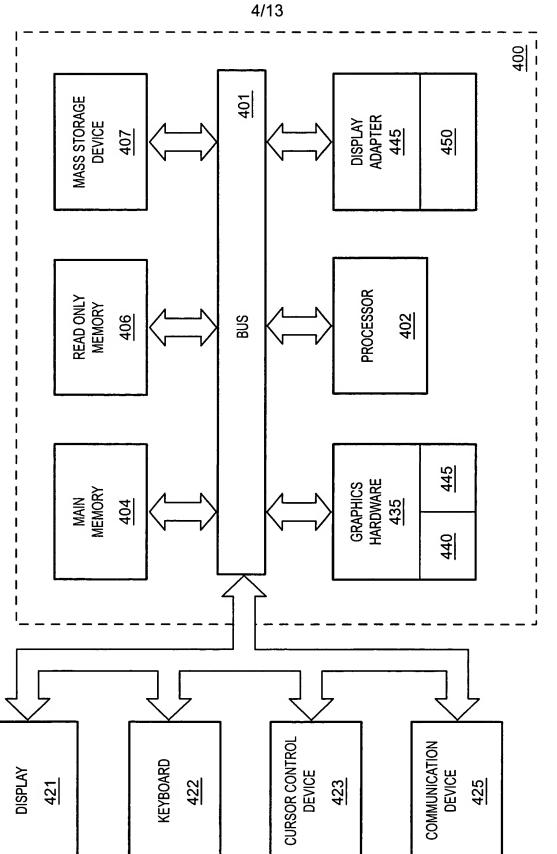


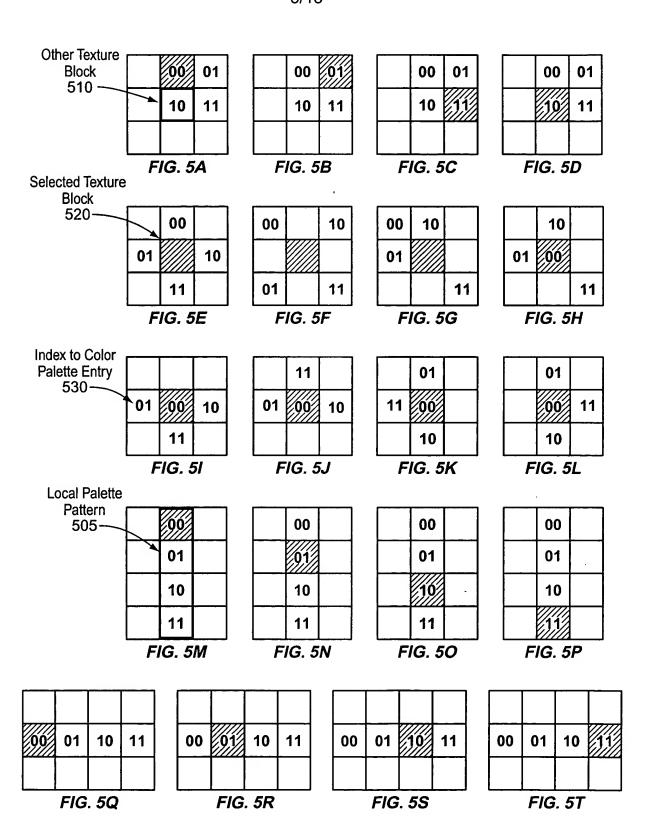
FIG. 3

Title: "Color Distribution For Texture And Image Compression" nder Reshetov, et al. Application No.: \*\*\*\*\*\* Docket N
Blakely, Sokoloff, Taylor & Zafman 303-740-1980 Inventors: Alexander Reshetov, et al. Docket No.: 42390P8655C



Title: "Color Distribution For Texture And Image Compression"

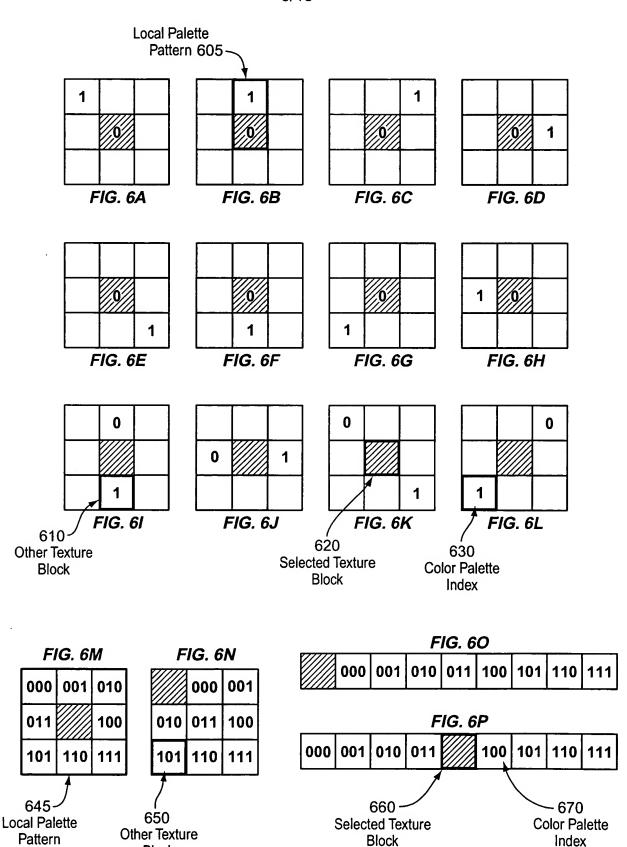
Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\*\* Docket No.: 42390P8655C Blakely, Sokoloff, Taylor & Zafman 303-740-1980



Title: "Color Distribution For Texture And Image Compression"

Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket No.: 42390P8655C Blakely, Sokoloff, Taylor & Zafman 303-740-1980

6/13



**Block** 

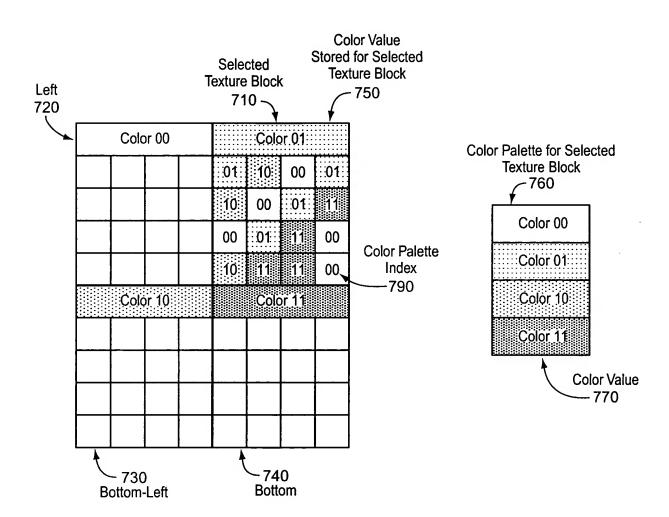
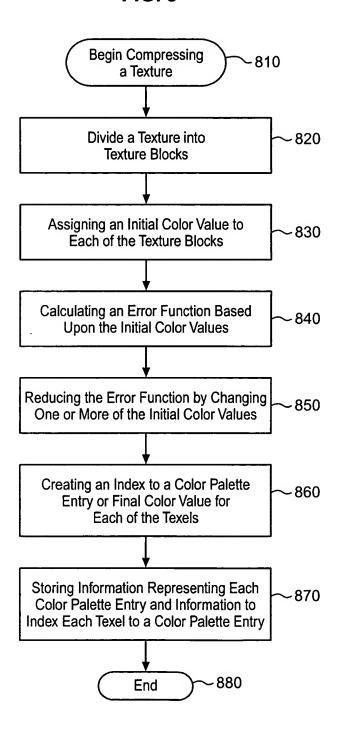


FIG. 7

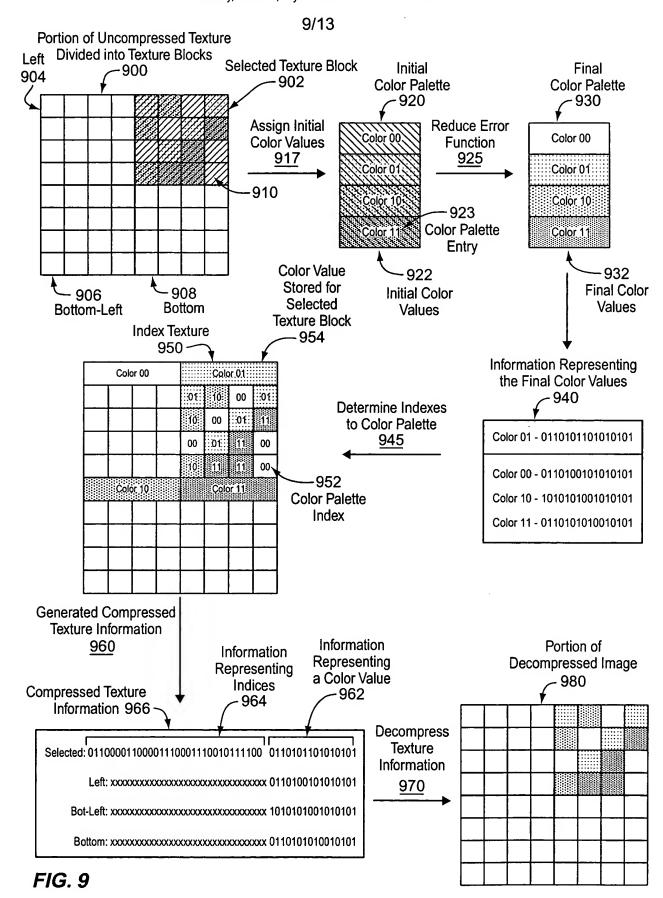
FIG. 8



Title: "Color Distribution For Texture And Image Compression"

Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket No.: 42390P8655C

Blakely, Sokoloff, Taylor & Zafman 303-740-1980



Title: "Color Distribution For Texture And Image Compression"

Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket N

Blakely, Sokoloff, Taylor & Zafman 303-740-1980 Docket No.: 42390P8655C

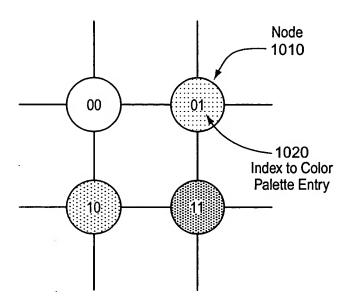


FIG. 10

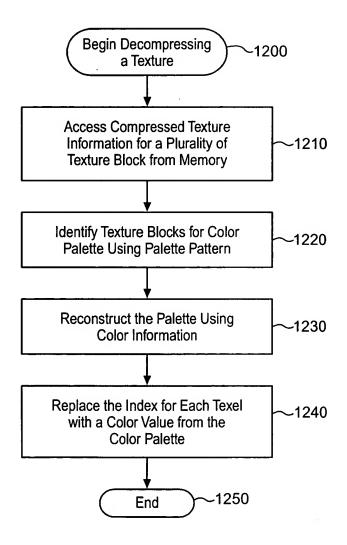
Title: "Color Distribution For Texture And Image Compression"
Inventors: Alexander Reshetov, et al. Application No.: \*\*\*\*\*\* Docket N
Blakely, Sokoloff, Taylor & Zafman 303-740-1980 Docket No.: 42390P8655C

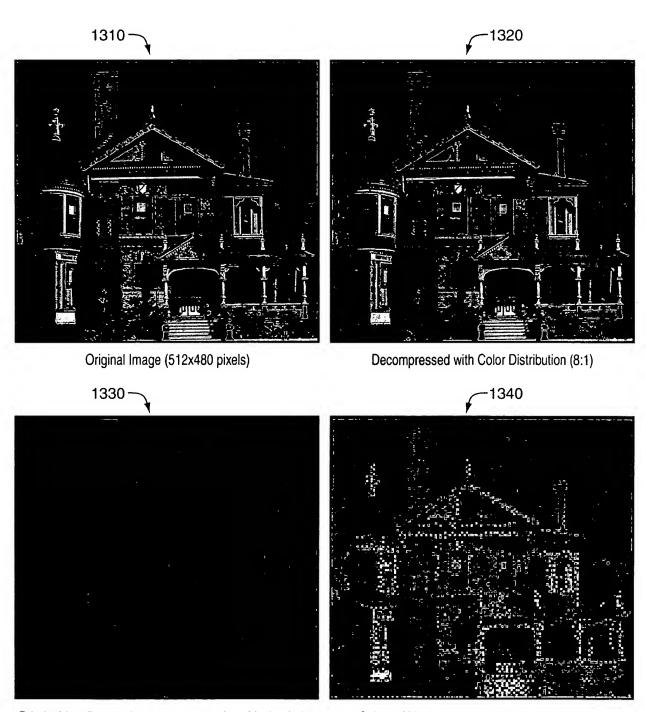
Method	Red	Green	Blue
Uniform	1.0	1.0	1.0
S3TC Default	0.309	0.609	0.082
Other	0.299	0.587	0.114

FIG. 11

Docket No.: 42390P8655C Blakely, Sokoloff, Taylor & Zafman 303-740-1980

FIG. 12





Priority Map. Red luminence corresponds to block priority.
Blue blocks were already set up.

Colors of blocks generated by greedy algorithm.